

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ADDENDUM NO. 2 TO
CLEANUP AND ABATEMENT ORDER NO. 99-26

FORMER SANTA YSABEL CHEVRON SERVICE STATION
30350 HIGHWAY 78, SANTA YSABEL
SAN DIEGO COUNTY

The California Regional Water Quality Control Board, San Diego Region (Regional Board) finds that:

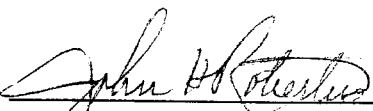
7. Discharges of petroleum hydrocarbon wastes from the underground storage tank (UST) system to soil and groundwater have occurred at the former Santa Ysabel Chevron Service Station. The discharge caused the concentration of gasoline constituents in groundwater at the site and site vicinity to exceed applicable water quality objectives for domestic and municipal supply, thus creating a condition of pollution. In 2002, MTBE was detected in groundwater over 700 feet from the site. In addition to contaminated groundwater, free product and petroleum hydrocarbon-bearing soil are present at the site.
8. Additional groundwater monitoring wells are needed to fully assess and characterize the extent of groundwater with dissolved petroleum hydrocarbons.
9. The geology and hydrogeology at the site and site vicinity is complex and includes possible multiple water-bearing zones and a fractured rock aquifer. This complicates the selection of additional monitoring well locations. In this complex geologic environment developing a site conceptual model is necessary in order to properly select monitoring well locations in order to assess and characterize the extent of contaminated groundwater.
10. Free product and petroleum hydrocarbon-bearing soil are present at the site. Thus, benzene vapors are likely to migrate upward and into the site buildings. This is a potential health risk to the occupants of the site buildings who may inhale these vapors. Soil vapor sampling and a human health risk assessment are necessary to determine whether or not there is an unacceptable human health risk to the site occupants.
11. This action is an order to enforce the laws and regulations administered by the Regional Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to section 15321 of the Resources Agency Guidelines.

May 22, 2002

IT IS HEREBY ORDERED, that pursuant to sections 13267 and 13304 of the California Water Code, Mr. and Mrs. Earnest and Joyce Moretti (hereinafter the "*discharger*") shall comply with the following:

27. Complete the soil vapor sampling fieldwork no later than **August 16, 2002**. The fieldwork shall be conducted in accordance with the Soil Vapor Sampling Workplan, prepared by Donan Environmental Services (DES), dated March 1, 2002, and the Regional Board comment letter dated May 2, 2002.
28. Submit to this office no later than **September 30, 2002**, an adequate technical report of the soil vapor sampling and human health risk assessment.
29. Submit to this office no later than **September 13, 2002**, an adequate preliminary site conceptual model, in accordance with the Regional Board letter dated May 8, 2002.
30. Submit to this office no later than **October 18, 2002**, an adequate workplan to complete the assessment and characterization of soil and groundwater contaminated with petroleum hydrocarbons resulting from the discharge at the site.

Ordered by:



John H. Robertus
Executive Officer

Date Issued: May 22, 2002